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L1 6175 JOHNSON, D?/AU

=> s johnson,a. d?/au
L2 169 JOHNSON,A. D?/AU

=> d l2 1-20

L2 ANSWER 1 OF 169 CAPLUS COPYRIGHT 2001 ACS
AN 2001:677750 CAPLUS
TI Axbrn-1: a maternal transcript encodes a POU transcription factor that is later expressed in the developing central nervous system of axolotl embryos
AU Masi, T.; Johnson, A. D.
CS Department of Biological Science, Florida State University, Tallahassee, FL, 32301
SO Dev. Genes Evol. (2001), 211(8-9), 449-452
CODEN: DGEVFT; ISSN: 0949-944X
PB Springer-Verlag
DT Journal
LA English

L2 ANSWER 2 OF 169 CAPLUS COPYRIGHT 2001 ACS
AN 2001:545922 CAPLUS
DN 135:112059
TI Formation of thin-film shape memory alloys for space-filling intravascular stents
IN Johnson, A. David; Martynov, Valery V.; Gupta, Vikas; Bose, Arani

PA Smart Therapeutics, Inc., USA
SO PCT Int. Appl., 23 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001053559	A1	20010726	WO 2001-US2253	20010124
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
PRAI	US 2000-177881	P	20000124		
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AN 2001:534186 CAPLUS

TI Auger recombination in In_NxSb_{1-x} at long wavelength

AU Pidgeon, C. R.; Findlay, P. C.; Murdin, B. N.; Kamal-Saadi, M.; O'Reilly, E.; Adams, A. R.; Wells, J.-P. R.; Bradley, I. V.; Burke, T.; Johnson, A. D.; Ashley, T.

CS Department of Physics, Heriot Watt University, Edinburgh, EH14 4AS, UK

SO Springer Proc. Phys. (2001), 87(Proceedings of the 25th International Conference on the Physics of Semiconductors, 2000, Part II), 1667-1668
CODEN: SPPPEL; ISSN: 0930-8989

PB Springer-Verlag

DT Journal

LA English

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- (4) Nakamura, S; Appl Phys Lett 2000, V76, P22 CAPLUS

L2 ANSWER 4 OF 169 CAPLUS COPYRIGHT 2001 ACS

AN 2001:399085 CAPLUS

DN 135:144861

TI In situ x-ray topography measurement of the growth temperature dependence of the critical thickness of epitaxial InGaAs on GaAs

AU Tanner, B. K.; Parbrook, P. J.; Whitehouse, C. R.; Keir, A. M.; Johnson, A. D.; Jones, J.; Wallis, D.; Smith, L. M.; Lunn, B.; Hogg, J. H. C.

CS Department of Physics, University of Durham, Durham, DH1 3LE, UK

SO J. Phys. D: Appl. Phys. (2001), 34(10A), A109-A113

CODEN: JPAPBE; ISSN: 0022-3727

PB Institute of Physics Publishing

DT Journal

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AN 2001:171097 CAPLUS

DN 134:373633

TI Auger recombination in long-wavelength infrared In_NSb_{1-x} alloys

AU Murdin, B. N.; Kamal-Saadi, M.; Lindsay, A.; O'Reilly, E. P.; Adams, A. R.; Nott, G. J.; Crowder, J. G.; Pidgeon, C. R.; Bradley, I. V.; Wells, J.-P. R.; Burke, T.; **Johnson, A. D.**; Ashley, T.

CS Department of Physics, University of Surrey, Guildford, GU2 7XH, UK

SO Appl. Phys. Lett. (2001), 78(11), 1568-1570

CODEN: APPLAB; ISSN: 0003-6951

PB American Institute of Physics

DT Journal

LA English

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- (2) Beattie, A; J Appl Phys 1996, V79, P802 CAPLUS
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- (6) Lindsay, A; Solid State Commun 1999, V112, P443 CAPLUS
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L2 ANSWER 6 OF 169 CAPLUS COPYRIGHT 2001 ACS

AN 2001:30294 CAPLUS

DN 134:287488

TI Direct determination of Shockley-Read-Hall trap density in InSb/InAlSb detectors

AU Nott, G. J.; Findlay, P. C.; Crowder, J. G.; Pidgeon, C. R.; Elliott, C. T.; Ashley, T.; **Johnson, A. D.**; Wells, J.-P. R.; Bradley, I. V.; Murdin, B. N.; White, A. M.

CS Department of Physics, Heriot-Watt University, Edinburgh, EH14 4AS, UK

SO J. Phys.: Condens. Matter (2000), 12(50), L731-L734

CODEN: JCOMEL; ISSN: 0953-8984

PB Institute of Physics Publishing

DT Journal

LA English

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II (SPIE) 1998, V3279, P104 CAPLUS

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- (6) Findlay, P; Semicond Sci Technol 1999, V14, P1026 CAPLUS
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L2 ANSWER 7 OF 169 CAPLUS COPYRIGHT 2001 ACS

AN 2000:867212 CAPLUS

DN 134:154971

TI Minimally cooled InSb/InAlSb LED and photodiode devices applied to nitrogen dioxide detection at ppm levels

AU Crowder, J. G.; Ashley, T.; Elliott, C. T.; Pryce, G. J.; **Johnson, A. D.**
CS Department of Physics, Heriot-Watt University, Edinburgh, EH14 4AS, UK
SO Electron. Lett. (2000), 36(22), 1867-1869
CODEN: ELLEAK; ISSN: 0013-5194
PB Institution of Electrical Engineers
DT Journal
LA English
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L2 ANSWER 8 OF 169 CAPLUS COPYRIGHT 2001 ACS
AN 2000:692343 CAPLUS
DN 133:357708
TI Dependence of the critical thickness on Si doping of InGaAs on GaAs
AU Tanner, B. K.; Parbrook, P. J.; Whitehouse, C. R.; Keir, A. M.;
Johnson, A. D.; Jones, J.; Wallis, D.; Smith, L. M.; Lunn, B.;
Hogg, J. H. C.
CS Department of Physics, University of Durham, Durham, DH1 3LE, UK
SO Appl. Phys. Lett. (2000), 77(14), 2156-2158
CODEN: APPLAB; ISSN: 0003-6951
PB American Institute of Physics
DT Journal
LA English
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- (5) Fox, B; J Appl Phys 1990, V68, P2739 CAPLUS
- (6) Gerlich, D; J Appl Phys 1963, V34, P2915 CAPLUS

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L2 ANSWER 9 OF 169 CAPLUS COPYRIGHT 2001 ACS
AN 2000:469486 CAPLUS
DN 133:359542
TI Turning genes off by Ssn6-Tup1: a conserved system of transcriptional repression in eukaryotes
AU Smith, R. L.; **Johnson, A. D.**
CS Dept of Biochemistry and Biophysics, University of California San Francisco, San Francisco, CA, 94143, USA
SO Trends Biochem. Sci. (2000), 25(7), 325-330
CODEN: TBSCDB; ISSN: 0376-5067
PB Elsevier Science Ltd.
DT Journal; General Review
LA English
RE.CNT 53
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L2 ANSWER 10 OF 169 CAPLUS COPYRIGHT 2001 ACS
AN 2000:446895 CAPLUS

DN 133:127374
TI InNxB1-x light emitting diodes grown by MBE
AU **Johnson, A. D.**; Bennett, R. H.; Newey, J.; Pryce, G. J.;
Williams, G. M.; Burke, T. M.; Jones, J. C.; Keir, A. M.
CS Defence and Evaluation Research Agency, Gt Malvern, WR14 3PS, UK
SO Mater. Res. Soc. Symp. Proc. (2000), 607(Infrared Applications of
Semiconductors III), 23-27
CODEN: MRSPDH; ISSN: 0272-9172
PB Materials Research Society
DT Journal
LA English
RE.CNT 13
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- (1) Ashley, T; Appl Phys Lett 1994, V64(18), P2433 CAPLUS
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- ALL CITATIONS AVAILABLE IN THE RE FORMAT

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AN 1999:812567 CAPLUS
DN 132:114692
TI Auger recombination dynamics of InxGal-xSb
AU Findlay, P. C.; Pidgeon, C. R.; Pellemans, H.; Kotitschke, R.; Murdin, B.
N.; Ashley, T.; **Johnson, A. D.**; White, A. M.; Elliott, C. T.
CS Physics Department, Heriot Watt University, Edinburgh, EH14 4AS, UK
SO Semicond. Sci. Technol. (1999), 14(12), 1026-1030
CODEN: SSTEET; ISSN: 0268-1242
PB Institute of Physics Publishing
DT Journal
LA English
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- ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 12 OF 169 CAPLUS COPYRIGHT 2001 ACS
AN 1999:782810 CAPLUS
DN 132:289501
TI Characterization of an E-box-dependent cis element in the smooth muscle
.alpha.-actin promoter
AU Jung, Frank; **Johnson, A. Daniel**; Kumar, Meenakshi S.; Wei,
Beiyang; Hautmann, Martina; Owens, Gary K.; McNamara, Coleen
CS Department of Internal Medicine, Division of Cardiology, University of
Virginia Health Science Center, Charlottesville, VA, 22908, USA
SO Arterioscler., Thromb., Vasc. Biol. (1999), 19(11), 2591-2599
CODEN: ATVBFA; ISSN: 1079-5642
PB Lippincott Williams & Wilkins
DT Journal
LA English
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L2 ANSWER 13 OF 169 CAPLUS COPYRIGHT 2001 ACS
AN 1999:430926 CAPLUS
DN 131:180662
TI Differential activation of the SM.alpha.A promoter in smooth vs. skeletal muscle cells by bHLH factors
AU **Johnson, A. Daniel**; Owens, Gary K.
CS Department of Biology, Wake Forest University, Winston-Salem, NC, 27109, USA
SO Am. J. Physiol. (1999), 276(6, Pt. 1), C1420-C1431
CODEN: AJPHAP; ISSN: 0002-9513
PB American Physiological Society
DT Journal
LA English
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L2 ANSWER 14 OF 169 CAPLUS COPYRIGHT 2001 ACS
AN 1999:406472 CAPLUS
DN 131:195409
TI Gene regulation by the yeast Ssn6-Tup1 corepressor
AU Wahi, M.; Komachi, K.; **Johnson, A. D.**
CS Department of Biochemistry and Biophysics, University of California, San Francisco, CA, 94143, USA
SO Cold Spring Harbor Symp. Quant. Biol. (1998), 63(Mechanisms of Transcription), 447-457
CODEN: CSHSAZ; ISSN: 0091-7451
PB Cold Spring Harbor Laboratory Press
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AN 1999:364015 CAPLUS
DN 131:80883
TI x-ray optics of in situ synchrotron topography of InGaAs on GaAs
AU Tanner, B. K.; Keir, A. M.; Mock, P.; Whitehouse, C. R.; Lacey, G.; **Johnson, A. D.**; Smith, G. W.; Clark, G. F.
CS Department of Physics, University of Durham, Durham, DH1 3LE, UK
SO J. Phys. D: Appl. Phys. (1999), 32(10A), A119-A122
CODEN: JPAPBE; ISSN: 0022-3727
PB Institute of Physics Publishing
DT Journal; General Review
LA English
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AN 1999:183553 CAPLUS

DN 130:304200

TI X-ray optics of in-situ synchrotron topography studies of the early stages

of relaxation in epitaxial InGaAs on GaAs

AU Tanner, B. K.; Keir, A. M.; Mtock, P.; Whitehouse, C. R.; Lacey, G.;
Johnson, A. D.; Smith, G. W.; Clark, G. F.

CS Department of Physics, University of Durham, Durham, DH1 3LE, UK

SO Proc. SPIE-Int. Soc. Opt. Eng. (1998), 3448(Crystal and Multilayer Optics), 100-107

CODEN: PSISDG; ISSN: 0277-786X

PB SPIE-The International Society for Optical Engineering

DT Journal

LA English

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L2 ANSWER 17 OF 169 CAPLUS COPYRIGHT 2001 ACS

AN 1999:52427 CAPLUS

DN 130:250256

TI Heat shock proteins in atherosclerosis

AU **Johnson, A. D.**

CS Department of Biology, Wake Forest University, Winston-Salem, NC, 27109, USA

SO Handb. Exp. Pharmacol. (1999), 136(Stress Proteins), 381-402

CODEN: HEPHD2; ISSN: 0171-2004

PB Springer-Verlag

DT Journal; General Review

LA English

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AN 1998:544731 CAPLUS

DN 129:255902

TI Two MCAT elements of the SM .alpha.-actin promoter function differentially

in SM vs. non-SM cells

AU Swartz, Ellen A.; **Johnson, A. Daniel**; Owens, Gary K.

CS Department of Molecular Physiology and Biological Physics, University of Virginia School of Medicine, Charlottesville, VA, 22906, USA

SO Am. J. Physiol. (1998), 275(2, Pt. 1), C608-C618
 CODEN: AJPHAP; ISSN: 0002-9513
 PB American Physiological Society
 DT Journal
 LA English

L2 ANSWER 19 OF 169 CAPLUS COPYRIGHT 2001 ACS
 AN 1998:461613 CAPLUS
 DN 129:207611
 TI Atomic structure of the InSb(001)-c(8.times.2) reconstruction determined by x-ray diffraction
 AU Jones, N.; Norris, C.; Nicklin, C. L.; Steadman, P.; Baker, S. H.; **Johnson, A. D.**; Bennett, S. L.
 CS Department of Physics Astron., University of Leicester, Leicester, LE1 7RH, UK
 SO Surf. Sci. (1998), 409(1), 27-36
 CODEN: SUSCAS; ISSN: 0039-6028
 PB Elsevier Science B.V.
 DT Journal
 LA English

L2 ANSWER 20 OF 169 CAPLUS COPYRIGHT 2001 ACS
 AN 1998:328934 CAPLUS
 DN 129:101665
 TI 4 - 10 .mu.m positive and negative luminescent diodes
 AU Ashley, T.; Beswick, J. A.; Crowder, J. G.; Dutton, D. T.; Elliott, C. T.; Gordon, N. T.; **Johnson, A. D.**; Maxey, C. D.; Pryce, G. J.; Wang, C. H.
 CS Defence Evaluation and Research Agency, Malvern, WR14 3PS, UK
 SO Proc. SPIE-Int. Soc. Opt. Eng. (1998), 3279(Light-Emitting Diodes: Research, Manufacturing, and Applications II), 104-112
 CODEN: PSISDG; ISSN: 0277-786X
 PB SPIE-The International Society for Optical Engineering
 DT Journal
 LA English

=> s baldridge, j?/au
 L3 20 BALDRIDGE, J?/AU

=> d l3 1-20

L3 ANSWER 1 OF 20 CAPLUS COPYRIGHT 2001 ACS
 AN 2000:407550 CAPLUS
 DN 134:36798
 TI Monophosphoryl lipid A enhances mucosal and systemic immunity to vaccine antigens following intranasal administration
 AU **Baldridge, Jory R.**; Yorgensen, Yvonne; Ward, Jon R.; Ulrich, J. Terry
 CS Ribi ImmunoChem Research Inc., Hamilton, MT, 59840, USA
 SO Vaccine (2000), 18(22), 2416-2425
 CODEN: VACCDE; ISSN: 0264-410X
 PB Elsevier Science Ltd.
 DT Journal
 LA English
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L3 ANSWER 2 OF 20 CAPLUS COPYRIGHT 2001 ACS
AN 1999:664948 CAPLUS
DN 132:26772
TI Monophosphoryl Lipid A (MPL) Formulations for the Next Generation of Vaccines
AU **Baldrige, Jory R.**; Crane, R. Thomas
CS Ribi ImmunoChem Research, Inc., Hamilton, MT, 59840, USA
SO Methods (Orlando, Fla.) (1999), 19(1), 103-107
CODEN: MTHDE9; ISSN: 1046-2023
PB Academic Press
DT Journal
LA English
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L3 ANSWER 3 OF 20 CAPLUS COPYRIGHT 2001 ACS
AN 1997:302174 CAPLUS
DN 126:342189
TI Effective adjuvants for the induction of antigen-specific delayed-type hypersensitivity
AU **Baldrige, Jory R.**; Ward, Jon R.
CS Ribi ImmunoChem Research, Inc., Hamilton, MT, 59840, USA
SO Vaccine (1997), 15(4), 395-401
CODEN: VACCDE; ISSN: 0264-410X
PB Elsevier
DT Journal
LA English

L3 ANSWER 4 OF 20 CAPLUS COPYRIGHT 2001 ACS
AN 1996:759902 CAPLUS
DN 126:30252
TI Antibody prevents the establishment of persistent arenavirus infection in synergy with endogenous T cells
AU **Baldrige, Jory R.**; McGraw, Tanya S.; Paoletti, Alyssa; Buchmeier, Michael J.
CS Div. Virol., Scripps Res. Inst., La Jolla, CA, 92037, USA
SO J. Virol. (1997), 71(1), 755-758
CODEN: JOVIAM; ISSN: 0022-538X
PB American Society for Microbiology
DT Journal
LA English

L3 ANSWER 5 OF 20 CAPLUS COPYRIGHT 2001 ACS
AN 1994:455432 CAPLUS
DN 121:55432
TI An H2-T MHC class Ib molecule presents Listeria monocytogenes-derived antigen to immune CD8+ cytotoxic T cells
AU Bouwer, H. G. Archie; Lindahl, Kirsten, Fischer; **Baldrige, Jory R.**; Wagner, Cynthia R.; Barry, Ronald A.; Hinrichs, David J.
CS Providence Med. Cent., Earle A. Chiles Res. Inst., Portland, OR, 97213, USA

SO J. Immunol. (1994), 152(11), 5352-60
 CODEN: JOIMA3; ISSN: 0022-1767
 DT Journal
 LA English

L3 ANSWER 6 OF 20 CAPLUS COPYRIGHT 2001 ACS
 AN 1994:52455 CAPLUS
 DN 120:52455
 TI Teratogenic effects of neonatal arenavirus infection on the developing
 rat cerebellum are abrogated by passive immunotherapy
 AU **Baldrige, Jory R.**; Pearce, Bradley D.; Parekh, Bharat S.;
 Buchmeier, Michael J.
 CS Dep. Neuropharmacol., Scripps Res. Inst., La Jolla, CA, 92037, USA
 SO Virology (1993), 197(2), 669-77
 CODEN: VIRLAX; ISSN: 0042-6822
 DT Journal
 LA English

L3 ANSWER 7 OF 20 CAPLUS COPYRIGHT 2001 ACS
 AN 1992:446452 CAPLUS
 DN 117:46452
 TI Mechanisms of antibody-mediated protection against lymphocytic
 choriomeningitis virus infection: mother-to-baby transfer of humoral
 protection
 AU **Baldrige, Jory R.**; Buchmeier, Michael J.
 CS Dep. Neuropharmacol., Scripps Res. Inst., La Jolla, CA, 92037, USA
 SO J. Virol. (1992), 66(7), 4252-7
 CODEN: JOVIAM; ISSN: 0022-538X
 DT Journal
 LA English

L3 ANSWER 8 OF 20 CAPLUS COPYRIGHT 2001 ACS
 AN 1986:83042 CAPLUS
 DN 104:83042
 TI Periplasmic production of correctly processed human growth hormone in
 Escherichia coli: natural and bacterial signal sequences are
 interchangeable
 AU Gray, Gregory L.; **Baldrige, Jane S.**; McKeown, Kathleen S.;
 Heyneker, Herbert L.; Chang, Chung Nan
 CS Genentech, Inc., South Francisco, CA, 94080, USA
 SO Gene (1985), 39(2-3), 247-54
 CODEN: GENED6; ISSN: 0378-1119
 DT Journal
 LA English

L3 ANSWER 9 OF 20 CAPLUS COPYRIGHT 2001 ACS
 AN 1984:524115 CAPLUS
 DN 101:124115
 TI Cloning, nucleotide sequence, and expression in Escherichia coli of the
 exotoxin A structural gene of Pseudomonas aeruginosa
 AU Gray, Gregory L.; Smith, Douglas H.; **Baldrige, Jane S.**;
 Harkins, Richard N.; Vasil, Michael L.; Chen, Ellson Y.; Heyneker,
 Herbert
 L.
 CS Genentech, Inc., South San Francisco, CA, 94080, USA
 SO Proc. Natl. Acad. Sci. U. S. A. (1984), 81(9), 2645-9
 CODEN: PNASA6; ISSN: 0027-8424
 DT Journal
 LA English

L3 ANSWER 10 OF 20 CAPLUS COPYRIGHT 2001 ACS
 AN 1980:185807 CAPLUS
 DN 92:185807
 TI Evaluation of intestinal ulcerogenesis potential of potassium chloride solid dosage forms
 AU Goble, Frans C.; Lillis, William G.; **Baldrige, John**; Jacob, James T.; Casorso, D. Roy
 CS Berlex Lab., Inc., Cedar Knolls, NJ, 07927, USA
 SO Curr. Ther. Res. (1980), 27(1), 40-54
 CODEN: CTCEA9; ISSN: 0011-393X
 DT Journal
 LA English

L3 ANSWER 11 OF 20 CAPLUS COPYRIGHT 2001 ACS
 AN 1978:557038 CAPLUS
 DN 89:157038
 TI Rapid determination of quinidine in human plasma by high-performance liquid chromatography
 AU Achari, Raja G.; **Baldrige, John L.**; Koziol, Theodore R.; Yu, Louis
 CS Sci. Technol. Div., Cooper Lab., Inc., Cedar Knolls, N. J., USA
 SO J. Chromatogr. Sci. (1978), 16(6), 271-3
 CODEN: JCHSBZ; ISSN: 0021-9665
 DT Journal
 LA English

L3 ANSWER 12 OF 20 CAPLUS COPYRIGHT 2001 ACS
 AN 1978:100820 CAPLUS
 DN 88:100820
 TI The study of enzyme systems by thermometric titrimetry with digital data acquisition and treatment
 AU **Baldrige, James Neil**
 CS Univ. Texas, Austin, Tex., USA
 SO (1977) 139 pp. Avail.: Univ. Microfilms Int., Order No. 77-28,995
 From: Diss. Abstr. Int. B 1978, 38(7), 3158
 DT Dissertation
 LA English

L3 ANSWER 13 OF 20 CAPLUS COPYRIGHT 2001 ACS
 AN 1977:506698 CAPLUS
 DN 87:106698
 TI Papaverine hydrochloride: The evaluation of two new dosage forms
 AU Arnold, J. D.; **Baldrige, J.**; Riley, B.; Brody, G.
 CS Quincy Res. Cent., Kansas City, Mo., USA
 SO Int. J. Clin. Pharmacol. Biopharm. (1977), 15(5), 230-3
 CODEN: IJCBDX
 DT Journal
 LA English

L3 ANSWER 14 OF 20 CAPLUS COPYRIGHT 2001 ACS
 AN 1975:603189 CAPLUS
 DN 83:203189
 TI Analysis of noncompetitive enzyme inhibitors by thermometric titrimetry
 AU **Baldrige, J. Neil**; Jespersen, Neil D.
 CS Dep. Chem., Univ. Texas, Austin, Tex., USA
 SO Anal. Lett. (1975), 8(9), 683-96
 CODEN: ANALBP
 DT Journal
 LA English

L3 ANSWER 15 OF 20 CAPLUS COPYRIGHT 2001 ACS

AN 1970:486042 CAPLUS
DN 73:86042
TI Application of urinary excretion studies to dosage form evaluation
AU **Baldridge, John L.**
CS Sherman Lab., Detroit, Mich., USA
SO Bull. Parenteral Drug Ass. (1969), 23(1), 40-7
CODEN: BUYRAI
DT Journal
LA English

L3 ANSWER 16 OF 20 CAPLUS COPYRIGHT 2001 ACS

AN 1962:12835 CAPLUS

DN 56:12835

OREF 56:2380c-f

TI Phenoxyacetoxy-2-butyne derivatives

IN **Baldridge, Joseph R.**

PA Diamond Alkali Co.

DT Patent

LA Unavailable

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 3005828			US	19580728

L3 ANSWER 17 OF 20 CAPLUS COPYRIGHT 2001 ACS

AN 1960:76429 CAPLUS

DN 54:76429

OREF 54:14563d-h

TI Control of microorganism growth with haloacetic acid esters of acetylenic glycols

IN **Baldridge, Joseph R.**

PA Diamond Alkali Co.

DT Patent

LA Unavailable

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2931754		19600405	US	

L3 ANSWER 18 OF 20 CAPLUS COPYRIGHT 2001 ACS

AN 1959:115375 CAPLUS

DN 53:115375

OREF 53:20682e

TI Grain-fumigant compositions

IN **Baldridge, Joseph R.**

PA Diamond Alkali Co.

DT Patent

LA Unavailable

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2895870		19590721	US	

L3 ANSWER 19 OF 20 CAPLUS COPYRIGHT 2001 ACS

AN 1959:1898 CAPLUS

DN 53:1898

OREF 53:290a-b

TI Stabilization of chlorinated hydrocarbons

IN **Baldridge, Joseph R.**

PA Diamond Alkali Co.

DT Patent

LA Unavailable

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 795891 DE 1053496		19580604	GB DE	

L3 ANSWER 20 OF 20 CAPLUS COPYRIGHT 2001 ACS

AN 1957:90834 CAPLUS

DN 51:90834

OREF 51:16512i,16513a-c

TI Stabilization of chlorinated hydrocarbons

IN Skeeters, Maxwell J.; **Baldrige, Joseph R.**

PA Diamond Alkali Co.

DT Patent

LA Unavailable

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 773632 DE 1048572		19570501	GB DE	

=> d l3 abs ibib 1-3

L3 ANSWER 1 OF 20 CAPLUS COPYRIGHT 2001 ACS

AB The induction of protective immunity stemming from vaccines delivered by mucosal routes is dependent on the development of safe and effective mucosal adjuvants. The immunostimulant monophosphoryl lipid A (MPL) was evaluated for its ability to enhance both systemic and mucosal immunity

to

three distinct antigens. Vaccines formulated with MPL and hepatitis B surface antigen, tetanus toxoid or influenza antigens were administered

by

intranasal delivery to mice. In each case the vaccines formulated with MPL resulted in enhanced IgA titers from mucosal samples. Enhanced IgA concns. were detected in samples from both local and distal mucosal

sites.

In addn., the MPL formulated vaccines induced systemic immunity characteristic of a Th1-type of response. Serum IgG2a antibody titers were elevated and cytotoxic T cell activity was enhanced.

ACCESSION NUMBER: 2000:407550 CAPLUS

DOCUMENT NUMBER: 134:36798

TITLE: Monophosphoryl lipid A enhances mucosal and systemic immunity to vaccine antigens following intranasal administration

AUTHOR(S): **Baldrige, Jory R.**; Yorgensen, Yvonne; Ward, Jon R.; Ulrich, J. Terry

CORPORATE SOURCE: Ribi ImmunoChem Research Inc., Hamilton, MT, 59840, USA

SOURCE: Vaccine (2000), 18(22), 2416-2425

CODEN: VACCDE; ISSN: 0264-410X

PUBLISHER: Elsevier Science Ltd.

DOCUMENT TYPE: Journal

LANGUAGE: English

REFERENCE COUNT: 39

REFERENCE(S): (1) Arend, W; Clin Exp Immun 1986, V64(3), P656

CAPLUS

(3) Carozzi, S; J Clin Microbiol 1989, V27(8), P1748
CAPLUS

(5) Douce, G; Infect Immun 1997, V65(7), P2821 CAPLUS

(6) el Ghazali, G; Eur J Immun 1993, V23(11), P2740

CAPLUS

(8) Finkelman, F; J Immun 1988, V140(4), P1022 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 2 OF 20 CAPLUS COPYRIGHT 2001 ACS

AB Many of the latest trends in vaccine development are dependent on immunol.

adjuvants that mediate and promote a wide variety of immune responses. One promising adjuvant candidate, monophosphoryl lipid A (MPL) immunostimulant, is being investigated with many of these new vaccine approaches in either preclin. or clin. trials. This is possible because different vehicle formulations can significantly influence the type of immunol. response MPL promotes. Procedures are provided for formulating MPL in an aq. vehicle or an oil-in-water emulsion. These two MPL formulations can be beneficial for most vaccine approaches being investigated today. (c) 1999 Academic Press.

ACCESSION NUMBER: 1999:664948 CAPLUS

DOCUMENT NUMBER: 132:26772

TITLE: Monophosphoryl Lipid A (MPL) Formulations for the
Next

Generation of Vaccines

AUTHOR(S): **Baldrige, Jory R.**; Crane, R. Thomas

CORPORATE SOURCE: Ribi ImmunoChem Research, Inc., Hamilton, MT, 59840, USA

SOURCE: Methods (Orlando, Fla.) (1999), 19(1), 103-107

CODEN: MTHDE9; ISSN: 1046-2023

PUBLISHER: Academic Press

DOCUMENT TYPE: Journal

LANGUAGE: English

REFERENCE COUNT: 31

REFERENCE(S): (1) Arend, W; Clin Exp Immunol 1986, V64, P656 CAPLUS

(3) Carozzi, S; J Clin Microbiol 1989, V27, P1748
CAPLUS

(4) Cumberbatch, M; Immunology 1992, V75, P257 CAPLUS

(6) Galanos, C; Eur J Biochem 1985, V148, P1 CAPLUS

(8) Gustafson, G; J Immunother Emphasis Tumor Immunol
1994, V15, P129 CAPLUS

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 3 OF 20 CAPLUS COPYRIGHT 2001 ACS

AB Vaccines utilizing poorly immunogenic subunit antigens are dependent upon adjuvants to drive the appropriate T cell responses. In an effort to det.

the ability of several adjuvants to promote cell-mediated immunity (CMI), we assessed delayed-type hypersensitivity (DTH) in mice inoculated with heat-killed *Listeria monocytogenes* (HKLM) vaccines. The vaccines were formulated as oil-in-water emulsions contg. one or more of the following bacterial-derived immunostimulators: MPL immunostimulant, a

monophosphoryl

lipid A prepn., synthetic trehalose dicorynomycolate (TDCM) and *Mycobacterium phlei* cell wall skeleton (CWS). Oil-in-water emulsions contg. HKLM without adjuvants did not induce DTH responsiveness in mice. The incorporation of TDCM, or MPL plus TDCM and/or CWS to the formulation enabled the HKLM vaccine to stimulate CMI characterized by DTH responsiveness. Following antigen challenge the resulting increases in footpad thickness ranged from 15-20% and were comparable to the DTH

driven

by complete Freund's adjuvant. Adjuvants composed of MPL/TDCM and MPL/TDCM/CWS induced responses equiv. to those measured in mice immunized with viable *L. monocytogenes*, and the responses remained at these levels for at least 2 mo. Furthermore, in vivo depletion of CD4+ T cells, but

not CD8+ T cells, abrogated the induction and expression of DTH,
indicating that the response is mediated by CD4+ T cells.

ACCESSION NUMBER: 1997:302174 CAPLUS
DOCUMENT NUMBER: 126:342189
TITLE: Effective adjuvants for the induction of
antigen-specific delayed-type hypersensitivity
AUTHOR(S): **Baldrige, Jory R.**; Ward, Jon R.
CORPORATE SOURCE: Ribi ImmunoChem Research, Inc., Hamilton, MT, 59840,
USA
SOURCE: Vaccine (1997), 15(4), 395-401
CODEN: VACCDE; ISSN: 0264-410X
PUBLISHER: Elsevier
DOCUMENT TYPE: Journal
LANGUAGE: English

=> s sowell, g?/au
L4 13 SOWELL, G?/AU

=> d 14 1-13

L4 ANSWER 1 OF 13 CAPLUS COPYRIGHT 2001 ACS

AN 1999:322307 CAPLUS

DN 131:67266

TI Certified reference material 146 - high enriched uranium gamma
spectroscopy standards

AU Baran, D. T.; Johnson, K. D.; **Sowell, G. A.**; Narayanan, U. I.;
Oldham, R. D.; Mitchell, W. G.; Stiffin, A. V.; Spaletto, M. I.;
Zebrowski, J. P.; Orłowicz, G. J.; Orłowicz, F. P.; Schiedelman, K. S.;
Sickels, J. T.; Dallmann, D. E.; Thomas, M. W.; Mason, R. A.

CS New Brunswick Laboratory, Argonne, IL, 60439, USA

SO Nucl. Mater. Manage. (1998), 27(2), 1280-1284

CODEN: NUMMB8; ISSN: 0362-0034

PB Institute of Nuclear Materials Management

DT Journal

LA English

L4 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2001 ACS

AN 1997:688861 CAPLUS

DN 127:354778

TI Preparation and evaluation of nondestructive assay standards for uranium
spectroscopy

AU Zebrowski, J. P.; Baran, D. T.; **Sowell, G. A.**; Johnson, K. D.;
Traina, A. J.; Mason, P. B.; Frank, I. W.; Smith, M. M.; Johnson, Cynthia

CS New Brunswick Laboratory, Argonne, IL, USA

SO Nucl. Mater. Manage. (1996), 25, 172-177

CODEN: NUMMB8; ISSN: 0362-0034

PB Institute of Nuclear Materials Management

DT Journal

LA English

L4 ANSWER 3 OF 13 CAPLUS COPYRIGHT 2001 ACS

AN 1997:324579 CAPLUS

DN 126:317255

TI Application of electroreductive cyclization to the synthesis of natural
products

AU Little, R. Daniel; Schwaebe, Michael; Mikesell, Peter; Carroll, Georgia;
Sowell, Gregory; Caskey, Terry

CS Department of Chemistry, University of California, Santa Barbara, 93106,
Can.

SO Proc. - Electrochem. Soc. (1997), 97-6(Fundamentals and Potential

Applications of Electrochemical Synthesis), 25-28
 CODEN: PESODO; ISSN: 0161-6374
 PB Electrochemical Society
 DT Journal
 LA English

L4 ANSWER 4 OF 13 CAPLUS COPYRIGHT 2001 ACS
 AN 1995:258043 CAPLUS
 DN 122:117416
 TI An electroreductive cyclization approach to the bicyclo[3.2.1] framework
 AU Little, R. Daniel; Wolin, Ronald; **Sowell, Gregory**
 CS Dep. Chem., Univ. California, Santa Barbara, CA, 93106, USA
 SO Denki Kagaku oyobi Kogyo Butsuri Kagaku (1994), 62(12), 1105-8
 CODEN: DKOKAZ; ISSN: 0366-9297
 DT Journal
 LA English

L4 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2001 ACS
 AN 1988:212357 CAPLUS
 DN 108:212357
 TI Electroreductive cyclization. Ketones and aldehydes tethered to
 .alpha.,.beta.-unsaturated esters (nitriles). Fundamental investigations
 AU Little, R. Daniel; Fox, Dennis P.; Van Hijfte, Luc; Dannecker, Robert;
Sowell, Gregory; Wolin, Ronald L.; Moens, Luc; Baizer, Manuel M.
 CS Dep. Chem., Univ. California, Santa Barbara, CA, 93106, USA
 SO J. Org. Chem. (1988), 53(10), 2287-94
 CODEN: JOCEAH; ISSN: 0022-3263
 DT Journal
 LA English

L4 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2001 ACS
 AN 1984:479936 CAPLUS
 DN 101:79936
 TI Analytic calculation of the fourth-order quantum-chromodynamic
 contribution to the nonsinglet quark longitudinal structure function
 AU Devoto, A.; Duke, D. W.; Kimel, J. D.; **Sowell, G. A.**
 CS Dep. Phys., Florida State Univ., Tallahassee, FL, 32306, USA
 SO Phys. Rev. D (1984), 30(3), 541-59
 CODEN: PRVDAQ; ISSN: 0556-2821
 DT Journal
 LA English

L4 ANSWER 7 OF 13 CAPLUS COPYRIGHT 2001 ACS
 AN 1984:181470 CAPLUS
 DN 100:181470
 TI A new calculation of the order-g₄ QCD corrections to the longitudinal
 structure function
 AU Devoto, A.; Duke, D. W.; Kimel, J. D.; **Sowell, G. A.**
 CS Dep. Phys., Florida State Univ., Tallahassee, FL, 32306, USA
 SO Phys. Lett. B (1984), 138B(5-6), 418-20
 CODEN: PYLBAJ; ISSN: 0370-2693
 DT Journal
 LA English

L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2001 ACS
 AN 1983:168368 CAPLUS
 DN 98:168368
 TI Higher-order quantum-chromodynamic corrections to the longitudinal
 coefficient function in deep-inelastic scattering
 AU **Sowell, Glenn Allen**
 CS Florida State Univ., Tallahassee, FL, USA

SO (1982) 182 pp. Avail.: Univ. Microfilms Int., Order No. DA8304081
From: Diss. Abstr. Int. B 1983, 43(9), 2940
DT Dissertation
LA English

L4 ANSWER 9 OF 13 CAPLUS COPYRIGHT 2001 ACS
AN 1982:59216 CAPLUS
DN 96:59216
TI Fourth-order quantum-chromodynamic corrections to the longitudinal
coefficient function in deep-inelastic scattering
AU Duke, D. W.; Kimel, J. D.; Sowell, G. A.
CS Florida State Univ., Tallahassee, FL, 32306, USA
SO Phys. Rev. D (1982), 25(1), 71-83
CODEN: PRVDAQ; ISSN: 0556-2821
DT Journal
LA English

L4 ANSWER 10 OF 13 CAPLUS COPYRIGHT 2001 ACS
AN 1981:627087 CAPLUS
DN 95:227087
TI A fourth-order calculation of the longitudinal structure function in deep
inelastic scattering
AU Duke, D. W.; Kimel, J. D.; Sowell, G. A.
CS Florida State Univ., Tallahassee, FL, 32306, USA
SO AIP Conf. Proc. (1981), 74(Perturbative Quantum Chromodyn.), 193-206
CODEN: APCPCS; ISSN: 0094-243X
DT Journal
LA English

L4 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2001 ACS
AN 1959:85736 CAPLUS
DN 53:85736
OREF 53:15451e-g
TI Tomato-fungicide testing on the west coast of Florida
AU Sowell, Grover, Jr.
CS Gulf Coast Expt. Sta., Bradenton, FL
SO Plant Disease Reptr. (1959), 43, 193-7
DT Journal
LA Unavailable

L4 ANSWER 12 OF 13 CAPLUS COPYRIGHT 2001 ACS
AN 1959:64664 CAPLUS
DN 53:64664
OREF 53:11744d-f
TI Cucumber fungicide testing on the west coast of Florida
AU Sowell, Grover, Jr.
CS Cornell Univ., Ithaca, NY
SO Plant Disease Reptr. (1958), 42, 1333-6
DT Journal
LA Unavailable

L4 ANSWER 13 OF 13 CAPLUS COPYRIGHT 2001 ACS
AN 1957:94193 CAPLUS
DN 51:94193
OREF 51:17059g-h
TI Streptomycin assay as it relates to control of bacterial spot
AU Sowell, Grover, Jr.
CS Florida Agr. Expt. Sta., Bradenton
SO Proc. Florida State Hort. Soc. (1956), 69, 244-7
DT Journal
LA Unavailable

=> file .carb

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

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SESSION

FULL ESTIMATED COST

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66.98

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

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=> s amino(w)alkyl(w)glucosamine(w)phosphate?

L5 0 AMINO(W) ALKYL(W) GLUCOSAMINE(W) PHOSPHATE?

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

8.52

75.50

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

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=> e 2-deoxy-2-amino glucose/cn

E1 1 2-DEOXY-2-ACETAMIDO-D-GALACTOSE/CN

E2 1 2-DEOXY-2-ACETAMIDOGALACTONOLACTONE/CN

E3 0 --> 2-DEOXY-2-AMINO GLUCOSE/CN

E4 1 2-DEOXY-2-AMINO-D-GLUCITOL 6-PHOSPHATE/CN

E5 1 2-DEOXY-2-AMINO-D-GLUCOSE/CN

E6 1 2-DEOXY-2-AMINO-D-GLUCOSE HYDROCHLORIDE/CN

E7 1 2-DEOXY-2-AMINOGLUCOSE/CN

E8 1 2-DEOXY-2-AMINOKEALIIQUINONE/CN

E9 1 2-DEOXY-2-C-HYDROXYMETHYLTETRITOL/CN
 E10 1 2-DEOXY-2-C-HYDROXYMETHYLTETROSE/CN
 E11 1 2-DEOXY-2-C-METHYL-MYO-INOSITOL/CN
 E12 1 2-DEOXY-2-C-PHENYL-D-MANNOSE/CN

=> s e5

L6 1 2-DEOXY-2-AMINO-D-GLUCOSE/CN

=> d rn cn

L6 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2001 ACS
 RN 3416-24-8 REGISTRY
 CN D-Glucose, 2-amino-2-deoxy- (8CI, 9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 2-Amino-2-deoxy-D-glucopyranose
 CN 2-Amino-2-deoxy-D-glucose
 CN 2-Amino-2-deoxyglucose
 CN **2-Deoxy-2-amino-D-glucose**
 CN 2-Deoxy-2-aminoglucose
 CN Chitosamine
 CN D-Glucosamine
 CN Glucosamine

=> fil .carb

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	6.39	81.89

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-1.76

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=> s l6

L7 14328 L6

=> s l7 and aminoalkyl?

L8 5 L7 AND AMINOALKYL?

=> d l8 abs ibib 1-5

L8 ANSWER 1 OF 5 MEDLINE
 AB A novel series of acylated omega-**aminoalkyl** 2-amino-2-deoxy-4-phosphono-beta-D-glucopyranosides (**aminoalkyl** glucosaminide 4-phosphates) was synthesized and screened for immunostimulant activity. Several of these compounds enhance the production of tetanus toxoid-specific antibodies in mice and augment vaccine-induced cytotoxic

T

cells against EG.7-ova target cells.

ACCESSION NUMBER: 1999393251 MEDLINE
DOCUMENT NUMBER: 99393251 PubMed ID: 10465560
TITLE: Synthesis and biological evaluation of a new class of
vaccine adjuvants: **aminoalkyl** glucosaminide
4-phosphates (AGPs).
AUTHOR: Johnson D A; Sowell C G; Johnson C L; Livesay M T; Keegan
D
S; Rhodes M J; Ulrich J T; Ward J R; Cantrell J L;
Brookshire V G
CORPORATE SOURCE: Pharmaceutical Discovery Division, Ribic ImmunoChem
Research, Inc., Hamilton, MT 59840, USA.
CONTRACT NUMBER: 1R43 AI41811-01 (NIAID)
SOURCE: BIOORGANIC AND MEDICINAL CHEMISTRY LETTERS, (1999 Aug 2) 9
(15) 2273-8.
Journal code: C8B; 9107377. ISSN: 0960-894X.
PUB. COUNTRY: ENGLAND: United Kingdom
Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199911
ENTRY DATE: Entered STN: 20000111
Last Updated on STN: 20000111
Entered Medline: 19991124

L8 ANSWER 2 OF 5 MEDLINE
ACCESSION NUMBER: 69010230 MEDLINE
DOCUMENT NUMBER: 69010230 PubMed ID: 5601108
TITLE: [Linkage of D-glucosamine with antimitotic amines and
beta-
aminoalkylating agents. 11. Potential cytostatic
agents].
Verknupfung von D-Glucosamin mit antimitotischen Aminen
und
beta-Aminoalkylantien. 11. Potentielle
Cytostatica.
AUTHOR: Dorn H; Welfle H
SOURCE: PHARMAZIE, (1967 Oct) 22 (10) 558-61.
Journal code: P4D; 9800766. ISSN: 0031-7144.
PUB. COUNTRY: GERMANY, EAST: German Democratic Republic
Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: German
FILE SEGMENT: Priority Journals
ENTRY MONTH: 196812
ENTRY DATE: Entered STN: 19900101
Last Updated on STN: 19900101
Entered Medline: 19681204

L8 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2001 ACS
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* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Title compds. [I; R1-R10 = H, alkyl, alkenyl, alkynyl, halo, haloalkyl,
(poly)glycol residue, hydroxyalkyl, alkoxyalkyl, **aminoalkyl**, SH,
carboxyalkyl, alkoxy carbonyl, aryloxy carbonyl, CO₂H, PO₃H₂, etc.;
.gtoreq.1 of R1-R10 = (CH₂)_nA(CH₂)_mB; A = CH₂, O, S, NH, NR11; R11 =
alkyl, alkenyl, alkynyl, halo, haloalkyl, hydroxyalkyl, SH, PO₃H₂,

(poly)glycol residue, etc.; B = alkenyl, alkynyl, halo, haloalkyl, hydroxyalkyl, (poly)glycol residue, SH, substituted alkyl, PO₃H₂, amino, hydroxyalkyl, aryl, silyl, siloxy, aminoaryl, amino, amidoaryl, sugar residue, metal chelating group, (modified) nucleobase, oligonucleotide residue, (modified) sapphyrin residue, steroid residue, amino acid residue, peptide residue, polymeric or solid support matrix, etc.; n, m = 0-10], were prepd. Thus, 3,12,13,22-tetraethyl-8,17-bis(carboxyethyl)-2,7,18,23-tetramethylsapphyrin was stirred with (COCl)₂ in CH₂Cl₂ contg. cat. DMF to give the bis acid chloride; this in CH₂Cl₂ was added to a soln. of 1-(2-aminoethyl)-4-[(triphenylmethyl)amino]pyrimidin-2-one, 4-dimethylaminopyridine, and pyridine in CH₂Cl₂ and the mixt. was stirred 12 h to give 89.9% bis-amide deriv, which was refluxed in CF₃CO₂H to give title compd. II. II selectively effected transport of GMP across a liq. membrane at or near neutral pH. Sapphyrin binds to the phosphate

backbone

of DNA, and sapphyrin derivs. and conjugates may be useful as research tools and drugs.

ACCESSION NUMBER: 1995:632050 CAPLUS
DOCUMENT NUMBER: 123:32862
TITLE: Preparation of sapphyrin derivatives, conjugates, polymers, and chromatographic supports
INVENTOR(S): Sessler, Jonathan L.; Iverson, Brent L.; Kral, Vladimir; Shreder, Kevin; Furuta, Hiroyuki; Thomas, Richard E.
PATENT ASSIGNEE(S): Board of Regents, the University of Texas System, USA
SOURCE: PCT Int. Appl., 201 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 7
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9409003	A1	19940428	WO 1993-US9994	19931018
W: AT, AU, BB, BG, BR, BY, CA, CH, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, LV, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, US, VN				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
US 5457195	A	19951010	US 1992-964607	19921021
AU 9453644	A1	19940509	AU 1994-53644	19931018
US 5808059	A	19980915	US 1995-424288	19950828
PRIORITY APPLN. INFO.:			US 1992-964607	19921021
			US 1989-454298	19891221
			WO 1993-US9994	19931018
OTHER SOURCE(S):			MARPAT 123:32862	

L8 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2001 ACS

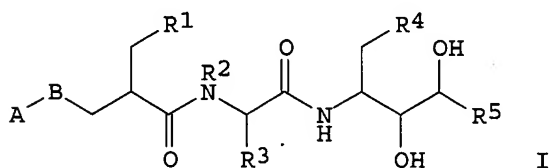
AB The title process comprises forming an **aminoalkylsilane** (or epoxysilane) coupling layer on a plastic base coated with a SiO_x-contg. metal oxide layer (x = 1-2) and treating with a straight-chain saccharide deriv. contg. carboxyl groups (or amino groups) that the amino and the carboxyl groups (or epoxy groups) react to form a hydrophilic org. group. Vacuum deposition of a SiO₂ layer on a polycarbonate sheet, coating a coupling layer of .gamma.-aminopropyltriethoxysilane on the sheet, and reacting the silane with tartaric acid in a buffer soln. resulted in a hydrophilic antifogging layer with good water and scratch resistance.

ACCESSION NUMBER: 1994:109601 CAPLUS
DOCUMENT NUMBER: 120:109601
TITLE: Manufacture of durable antifogging plastics

INVENTOR(S): Tajima, Yosuke; Uehara, Takeshi; Noguchi, Kazuhiro
 PATENT ASSIGNEE(S): Sekisui Chemical Co Ltd, Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 27 pp.
 CODEN: JKXXAF.
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 05202216	A2	19930810	JP 1992-281610	19921020
PRIORITY APPLN. INFO.:			JP 1991-272462	19911021
OTHER SOURCE(S):			MARPAT 120:109601	

L8 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2001 ACS
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AB Title compds. [I; R1 = cycloalkyl, (substituted) Ph, naphthyl, thienyl, pyridyl, quinolinyl, isoquinolinyl, PhCH₂; R2 = H, Me; R3 = H, OH, alkyl, alkoxy, alkenyloxy, alkylthio, alkylthioalkyl, alkoxycarbonyl, imidazol-1-ylmethyl, 2-aminoimidazol-4-ylmethyl, pyrazol-1-ylmethyl, thiazol-2-ylmethyl, thienylmethyl, furylmethyl, aminocarbonyl; R4 = (substituted) cycloalkyl, (halo)phenyl; R5 = cycloalkyl, cycloalkylalkyl, alkyl; B = S, SO, SO₂; A = X(CR₈R₉)nCR₆R₇; R6, R7, R8 = H, alkyl; R9 = H, alkyl, hydroxyalkyl, amino, alkoxycarbonylamino, benzyloxycarbonylamino;

n
 = 0, 1; X = YCO, ZO; Y = (substituted) cycloalkylamino, sulfoalkylamino, bisalkoxyalkylamino, pyridylalkylamino, morpholinoalkylamino, pyrazinylalkylamino, alkoxycarbonylalkylamino, hydroxyalkylamino, amino, etc.; Z = H, alkylcarbonyl, PhCO, cycloalkylcarbonyl, alkylaminocarbonyl, phenylaminocarbonyl, alkoxyalkylcarbonyl, cycloalkylcarbonyl, (substituted) **aminoalkylcarbonyl**], were prepd. Thus, racemic .alpha.-[[1-carbanoyl-1-methylethyl)sulfonyl)methyl]hydrocinnamic acid

and
 (S)-.alpha.-amino-N-[(1S,2R,3S)-1-(cyclohexylmethyl)-3-cyclopropyl-2,3-dihydroxypropyl]imidazole-4-propionamide (prepn. given) were coupled

using
 hydroxybenzotriazole, O-benzotriazolyl-N,N,N',N'-tetramethyluronium hexafluorophosphate, and Et₃N in DMF to give (S)-.alpha.-[(R and

S)-.alpha.-[[1-carbamoyl-1-methylethyl)sulfonyl)methyl]hydrocinnamido]-N-[(1S,2R,3S)-1-(cyclohexylmethyl)-3-cyclopropyl-2,3-dihydroxypropyl]imidazol-4-propionamide. I inhibited human renin with IC₅₀ = 0.3-0.30 nM. Drug formulations contg. specific I are given.

ACCESSION NUMBER: 1993:539784 CAPLUS

DOCUMENT NUMBER: 119:139784

TITLE: Preparation of peptide analogs as renin inhibitors

INVENTOR(S): Branca, Quirico; Heitz, Marie Paule; Neidhart, Werner;
 Stadler, Heinz; Vieira, Eric; Wostl, Wolfgang

PATENT ASSIGNEE(S): Hoffmann-La Roche, F., AG, Switz.
 SOURCE: Eur. Pat. Appl., 50 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 509354	A2	19921021	EP 1992-105879	19920406
EP 509354	A3	19930616		
EP 509354	B1	20000823		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, MC, NL, PT, SE				
CA 2064955	AA	19921018	CA 1992-2064955	19920402
AT 195731	E	20000915	AT 1992-105879	19920406
ES 2150907	T3	20001216	ES 1992-105879	19920406
AU 9214788	A1	19921022	AU 1992-14788	19920409
AU 659832	B2	19950601		
HU 62864	A2	19930628	HU 1992-1224	19920410
NO 9201520	A	19921019	NO 1992-1520	19920415
JP 05155847	A2	19930622	JP 1992-121395	19920415
JP 2628820	B2	19970709		
US 5393875	A	19950228	US 1993-100959	19930803
PRIORITY APPLN. INFO.:			CH 1991-1146	A 19910417
			CH 1992-523	A 19920220
			US 1992-868054	B1 19920413
OTHER SOURCE(S):		MARPAT 119:139784		

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COST IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	13.70	95.59
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
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 LAST RELOADED: Sep 21, 2001 (20010921/UP).

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FULL ESTIMATED COST	0.00	95.59
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CA SUBSCRIBER PRICE	ENTRY	SESSION
	0.00	-3.52

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